



U.S. DEPARTMENT OF ENERGY
Office of Electricity Delivery and Energy Reliability
Infrastructure Security and Energy Restoration

ENERGY ASSURANCE DAILY

Monday Evening, September 28, 2009

Electricity

SCE's 1,070 MW San Onofre Nuclear Unit 2 Nuke Unit in California Reduced by September 25, Returns to Service by September 26

According to the California Independent System Operator, the unit reported an unplanned curtailment of 122 MW on September 25. The Nuclear Regulatory Commission reported that on the morning of September 26, the unit was operation at 98 percent.

<http://www.caiso.com/unitstatus/data/unitstatus200909251515.html>

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Information also derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

Energy Northwest's 1,107 MW Columbia Generating Station Nuke Unit in Washington Reduced to 15 Percent by September 26

The Nuclear Regulatory Commission reported that on the morning of September 25 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

OPG's 535 MW Lennox Oil and Gas-fired Units 2 and 3 in Ontario Shut September 28

Reuters, 12:39 September 28, 2009

Dominion's 511 MW Kewaunee Nuke Unit in Wisconsin Shut by September 26

The Nuclear Regulatory Commission reported that on the morning of September 25 the unit was operating at full power.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

AES's 227 MW Huntington Beach Gas-fired Unit 4 in California Reduced by September 27

According to the California Independent System Operator, the unit reported an unplanned curtailment of 135 MW on September 27.

<http://www.caiso.com/unitstatus/data/unitstatus200909271515.html>

AES's 175 MW Alamos Gas-fired Unit 2 in California Shut by September 27

According to the California Independent System Operator, the unit reported an unplanned outage on September 27.

<http://www.caiso.com/unitstatus/data/unitstatus200909271515.html>

Update: Entergy's 858 MW Arkansas Nuclear Unit 2 in Arkansas Ramped Up to 98 Percent by September 28

The Nuclear Regulatory Commission reported that on the morning of September 27 the unit was operating at 78 percent.

Information derived from the NRC Power Reactor Status Reports:

<http://www.nrc.gov/reading-rm/doc-collections/event-status/reactor-status/2009/>

Update: Duke's 754 MW Moss Landing Gas-fired Unit 6 in California Returns to Service by September 25

According to the California Independent System Operator, the unit reported a return from an unplanned outage for three days.

<http://www.caiso.com/unitstatus/data/unitstatus200909251515.html>

Reuters, 18:55 September 25, 2009

Update: CDWR's 237 MW Devil Canyon Hydro Units 1-4 in California Return to Service by September 25

According to the California Independent System Operator, the unit reported a return from an unplanned curtailment of 172 MW.

<http://www.caiso.com/unitstatus/data/unitstatus200909251515.html>

Update: PCWA's 177 MW Colgate Hydro Unit 1 in California Returns to Service by September 25

According to the California Independent System Operator, the unit reported a return from an unplanned curtailment of 142 MW.

<http://www.caiso.com/unitstatus/data/unitstatus200909251515.html>

Update: Calpine's 135 MW American Gas-fired Unit 1 in California Returns to Service by September 26

According to the California Independent System Operator, the unit reported a return from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus200909261515.html>

Update: Ace Cogeneration's 118 MW Coal-fired Unit in California Returns to Service by September 25

According to the California Independent System Operator, the unit reported a return from an unplanned outage.

<http://www.caiso.com/unitstatus/data/unitstatus200909251515.html>

Petroleum

Alkylation Unit Shut at Shell's 340,000 b/d Deer Park, Texas Refinery September 27

The unit was shut to repair a suspected leak in the cooling water tower. The unit is expected to restart on October 2.

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=129901>

Reuters, 16:47 September 27, 2009

Bloomberg News, 10:07 September 27, 2009

Update: Valero to Shut 190,200 b/d Delaware City, Delaware Refinery in November

A source familiar with the refinery says that repairs will be made to the fluid catalytic cracker in November. The entire refinery will be shut because beginning in October the coker will be shut until coking economics improve and the refinery can not operate with both units down.

Bloomberg News, 10:26 September 28, 2009

Crude Unit at PdVSA's 320,000 b/d Isla Refinery on Curacao in Venezuela September 24

The unit was shut due to a breakdown in a gas turbine.

Bloomberg News, 10:15 September 27, 2009

Update: Hydrotreater Restarts at Chevron's 245,271 b/d Richmond, California Refinery September 26

The unit was shut on September 24 due to a fire.

Reuters, 13:03 September 28, 2009

TransCanada Reports Gas Pipeline Rupture in Ontario September 26

The rupture did not impact service to customers as supplies were rerouted to alternate lines. The cause of the rupture is under investigation. The pipeline, which has a capacity of 7 Bcf/d, transports natural gas from Western Canada to Ontario and the U.S. Northeast.

Reuters, 12:56 September 28, 2009

Cabot Oil & Gas Complying with State Moratorium to Shut Hydraulic Fracturing of Wells in Marcellus Shale Region in Pennsylvania

Cabot is shutting down the process in compliance with Pennsylvania Department of Environmental Protection regulations. Despite the shutdown, Cabot expects third quarter production to be above original forecasts.

<http://online.wsj.com/article/BT-CO-20090928-706081.html>

Equipment Failure Shuts Multiple Compressors at 160 MMcf/d Goldsmith Gas Plant in Texas September 27

The equipment failure shut the Pembroke and Driver Compressor Stations, significantly reducing the plant's gas processing rate.

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=129942>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=129943>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=129937>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=129926>

<http://www11.tceq.state.tx.us/oc/eer/index.cfm?fuseaction=main.getDetails&target=129932>

Other News

Lock Break on Ohio River in Kentucky Shuts Barge Traffic September 27

According to the Army Corps of Engineers (ACE), barge traffic was stopped in both directions at about 9 AM EDT. An auxiliary lock was set up to start allowing some barge traffic by 8 PM EDT. ACE has not determined the cause of the lock break. A lock is a section of a waterway closed off with gates to allow vessels to adjust to water elevation changes. About 55 million tons of commodities are transported through that lock each year, coal for power plant being the main commodity. Most coal-fired power plants typically have a 30-day supply of coal on site in case of supply disruptions.

<http://www.kentucky.com/news/state/story/954109.html>

<http://www.cnn.com/2009/US/09/27/kentucky.lock.break/>

Oil Tanker Runs Aground, Halts Vessel Traffic in Lower Mississippi River September 28

An oil tanker carrying approximately 474,000 barrels of crude ran aground, blocking traffic to deep draft ships. The US Coast Guard has four tugboats working to free the tanker. Crude from the tanker was being transported to ExxonMobil's 190,000 b/d Chalmette, Louisiana Refinery.

<http://www.chron.com/disp/story.mpl/business/6641121.html>

<http://www.joc.com/node/413651>

DJN, 12:42 September 28, 2009

Energy Prices

U.S. Oil and Gas Prices September 28, 2009			
	Today	Week Ago	Year Ago
CRUDE OIL West Texas Intermediate U.S. \$/Barrel	66.73	69.14	107.93
NATURAL GAS Henry Hub \$/Million Btu	3.61	3.21	7.63

Source: Reuters

Energy Notes

Faulty Cable Knocks Out Power to 12,000 Seattle City Light Customers in Washington September 26

http://seattletimes.nwsources.com/html/theblotter/2009958060_power_being_restored_in_queen.html

Solomon Technologies Introduces “MOBILE OFF-GRID” that Extends Off-Grid Electricity Output Beyond Sunlight Hours

<http://www.prnewswire.com/news-releases/solomon-technologies-introduces-new-mobile-off-grid-instant-solartm-62320587.html>

Update: Arkansas Regulators Deny Motion to Stop Construction of SWEPCO’s Proposed Coal-fired Power Plant

<http://www.klfy.com/Global/story.asp?S=11198869>

Update: Federal Environmental Appeals Board Orders EPA to Reconsider Air Permit Issued for Navajo Nation’s Proposed Desert Rock Coal-fired Energy Project

<http://www.nytimes.com/2009/09/27/science/earth/27plant.html>

Section of Houston Ship Channel Closed Due to 10,000 Gallon Crude Oil Spill September 27, USCG Estimates Channel will Reopen on October 2

Reuters, 13:12 September 28, 2009

Fire Reported at Biodiesel Plant in Florida September 25, Cause Under Investigation

http://oscnewsgazette.com/index.php?option=com_content&task=view&id=4782&Itemid=6

Acid Gas Compressor Shuts at 290 MMcf/d Waha Gas Plant in Texas September 26

<http://www11.tceq.state.tx.us/oce/eeer/index.cfm?fuseaction=main.getDetails&target=129935>

Update: Florida Public Service Commission Report Supports Florida Power & Light’s Proposed 30-Inch, 300-Mile Gas Pipeline

http://www.palmbeachpost.com/business/content/business/epaper/2009/09/24/a4b_fplpipeline_0925.html?cxntlid=inform_sr

California Establishes Carbon Fee on Utilities and Oil Refineries to Fund Emission- Reduction Program Starting 2010, First Statewide Fee in U.S.

<http://www.whotv.com/news/nationworld/sns-ap-us-california-greenhouse-gases.0.2418493.story>

Update: Provincial Government Develops Programs and Regulations to Improve Relations Between Oil and Gas Industry and Residents of British Columbia, Canada after Six Bomb Events Targeting Natural Gas Pipelines

<http://www.nationalpost.com/news/story.html?id=2035560>

Kazakhstan and Azerbaijan Considers New Transportation Route for Kazakh Crude Oil through Azerbaijan and Georgia to the Black Sea

http://www.rigzone.com/news/article.asp?a_id=80729

Nigeria to Export 2 MMb/d of Crude in November as Producers Lift Export Restrictions

Bloomberg News, 08:27 September 28, 2009

Update: NPPC's Products Pipeline in Nigeria to Restart in October after Vandalism Damaged Sections of Pipeline

http://www.downstreamtoday.com/news/article.aspx?a_id=18367

Links

This Week in Petroleum from the Energy Information Administration (EIA)

<http://tonto.eia.doe.gov/oog/info/twip/twip.asp>

Updated every Wednesday.

Weekly Petroleum Status Report from EIA

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/weekly_petroleum_status_report/wpsr.html

Updated after 10:30 AM & 1:00 PM EST every Wednesday.

Natural Gas Weekly Update from EIA

<http://tonto.eia.doe.gov/oog/info/ngw/ngupdate.asp>

Updated after 2:00 PM EST every Thursday.

ENERGY ASSURANCE DAILY

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<http://www.oe.netl.doe.gov/ead.aspx>

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